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[010] The purpose of the invention is to provide a relatively abrasion-free seal for an electric machine or motor that is inserted within the motor vehicle drive mechanism. ~~A to an electric motor rotor located within the free construction space of the wet-running electric machine rotor, or as the case may be, oil cooled gearshift element, for example, [[of]] a multiple disk clutch, being accommodated within a free construction space of a rotor of the electric machine~~ with which an annular gap, free of oil to the highest degree possible, between the rotor and the stator of an electric machine is practicable.

[023] There follows the well-known electric machine or motor arrangement, which can be used as either a drive motor or as a generator, and which consists of a stator 1 and a turning rotor 2 placed in it with an annular gap 3 pictured between them.

[026] During the earlier explained oil cooling, unintentional oil penetration can occur into the annular gap 3, which may be damaging to the function and the life span of the electric machine or motor.

[027] In order to counter this problem, that is to say, to largely prevent oil penetration into the annular gap 3 during the operation of the electric machine or motor or to push it out as fast as possible, the invention provides at the front-facing side of the annular gap 3 for at least one lining 9 which, for its part, at least at a high rate of revolution by the rotor 2, depending on the type of the gap seal, has been designed to seal without touching.

[031] Additionally, under certain circumstances, oil penetration into the annular gap 3 can also occur in the case of an electric machine or motor being at a standstill or, as the case may be, at the stopped multiple disk clutch 5 and the corresponding skewed transmission position.

[033] The already-known V-ring (as diagrammatically shown in the sole Figure) has proven itself as especially suitable for the design of a lining 9 such as that described, and its advantages have been described in greater detail above.

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